

ABSTRACT OF THE DISCLOSURE

A liquid crystal display having a plurality of source lines which are each divided into two groups includes a first source driver for applying image signals to a first group of the divided source lines, a second source driver for applying image signals to a second group, a first gate driver operative to apply scanning signals to one segment of a plurality of gate lines that extends across the first group of the divided source lines, and a second gate driver for applying scanning signals to the other segment of a plurality of gate lines that extends across the second group of the divided source lines. The liquid crystal display further includes 3:1 demultiplexers to switch and allocate an image signal from each of the first and second source drivers to three source lines.